



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ROBERT J. D'AMATO ET AL.

Serial No: 09/899,702

Filed: July 05, 2001

For: ESTROGENIC COMPOUNDS AS
ANTIANGIOGENIC AGENTS

Group Art No: 1616

Examiner: Qazi, S.

GP/1616

#7

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231
Sir:

The citation of information on the attached Form PTO/SB/08A, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.97 and 1.98. A copy of all listed items is enclosed. The citation of this information does not constitute an admission that any of the materials are available as a reference or of priority, or a waiver of any right applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Related applications are listed on the attached Appendix A for your reference. Applicants respectfully request that the Examiner review the applications listed in Appendix A, initial Appendix A in the appropriate spaces, and return a copy of the initialized Appendix to Applicants.

KILPATRICK STOCKTON LLP
Suite 2800
1100 Peachtree Road
Atlanta, Georgia 30309
(404) 815-6500
Our Docket: 05213-0910 (43170-260981)

Respectfully submitted,

Suzanne Seavello Shope

By: Suzanne Seavello Shope
Reg. No. 37,933

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC, 20231, on this 6 th day of March 2002.

Suzanne Seavello Shope
Suzanne Seavello Shope - Reg. No. 37,933

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application No.	09/899,702	
			Filing Date	07/05/2001	
			First Named Inventor	D'Amato et al.	
			Group Art Unit	1616	
			Examiner Name	Qazi, S.	
Sheet	1	of	16	Attorney Docket Number	05213-0910 (43170-260981)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ²	Kind Code ³ (if known)			
	1	2,584,271		Huffman	02/05/1952	
	2	2,846,453		Hoehn	08/05/1958	
	3	3,410,879		Smith et al.	11/12/1968	
	4	3,470,218		Farah	09/30/1969	
	5	3,492,321		Crabbe	01/27/1970	
	6	3,496,272		Kruger (Identifier only)	02/17/1970	
	7	3,956,348		Hilscher	05/11/1976	
	8	4,172,132		Draper et al.	10/23/1979	
	9	4,212,864		Tax	07/15/1980	
	10	4,307,086		Tax	12/22/1981	
	11	4,522,758		Ward et al.	06/11/1985	
	12	4,743,597		Javitt et al.	05/10/1988	
	13	4,994,443	B1	Folkman et al.	02/19/1991	
	14	5,001,116		Folkman et al.	03/19/1991	
	15	5,135,919		Folkman et al.	08/04/1992	
	16	5,504,074		D'Amato et al.	04/02/1996	
	17	5,521,168		Clark	05/28/1996	
	18	5,621,124		Seilz et al.	04/15/1997	
	19	5,643,900		Fotsis et al.	07/01/1997	
	20	5,661,143		D'Amato et al.	08/26/1997	
	21	5,892,069		D'Amato et al.	04/06/1999	
	22	6,011,023	B1	Clark et al.	01/04/2000	
	23	6,136,992		Ram et al.	10/24/2000	
	24	6,200,966	B1	Stewart	03/13/2001	

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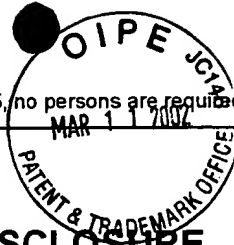
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		Number ²	Kind Code ³ (if known)			
	25	6,239,123	B1	Green et al.	05/29/2001	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	26	DE	1907330		Sandoz Ltd. (Identifier only)	10/23/1969		
	27	DE	3625315		Schering A.-G (Identifier only)	01/28/1998		
	28	WO	90/15816	A1	The UpJohn Company	12/27/1990		
	29	WO	93/03729		Research Corporation Technologies, Inc.	03/04/1993		
	30	WO	95/04535		The Children's Medical Center Corporation	02/16/1995		
	31	WO	98/40398		Pharm-Eco Laboratories, Inc.	09/17/1998		

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	32	Author: Title: Lioipristone/(1-[4-(Dimethylamino)phenyl]-17-hydroxy-17-(3-hydroxy-1-propenyl) estro-4,9-diene-3-one; AK 98734 Publ: Dict. of Drugs (1990), Dict. of Steroids (1991), Dict. of Org. Vol/Iss: Pages: Date: Cmpds (6th Ed) (1996), Dict. of Pharm. Agents (1997)			
	33	Author: Title: (paragraphs 583-584) Publ: The Merck Index 11th Edition Vol/Iss: Pages: 88 Date: 1989			
	34	Author: ADAMS, E.F. et al. Title: Steroidal regulation of oestradiol-17B dehydrogenase activity of the human breast cancer cell line MCF-7 Publ: Journal of Endocrinology Vol/Iss: 188 (1) Pages: 149-154 Date: 07/1988			
	35	Author: AIZU-YOKOTA et al. Title: Natural Estrogens Induce Modulation of Microtubules in Chinese Hamster V79 Cells in Culture Publ: Cancer Research Vol/Iss: 55 Pages: 1863-1868 Date: 05/01/95			
	36	Author: ATTALIA et al. Title: 2-Methoxyestradiol Arrests Cells in Mitosis without Depolarizing Tubulin Publ: Biochemical and Biophysical Research Communications Vol/Iss: 228 Pages: 467-473 Date: 1996			
	37	Author: AYALA et al. Title: The Induction of Accelerated Thymic Programmed Cell Death During Polymicrobial Sepsis: Control by Corticosteroids but not Tumor Necrosis Factor (Abstract only) Publ: Shock Vol/Iss: 3 (4) Pages: 259-267 Date: 04/1995			
	38	Author: BANIK et al. Title: Orally Active Long-Acting Estrogen (3-(2-propynyloxy)-estra-1,3,5,(10)-triene-17. beta.-ol trimethylacetate) (Identifier only) Publ: Steroids Vol/Iss: 16 (3) Pages: 289-296 Date: 1970			

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	39	Author: BARDON et al. Title: Steroid Receptor-Mediated Cytotoxicity of an Antiestrogen and an Antiprogesterin in Breast Cancer Cells (Abstract only) Publ: Cancer Research Vol/Iss: 47 (5) Pages: 1441-1448 Date: 03/01/87			
	40	Author: BHAT et al. Title: Estradiol-induced Mitotic Inhibition in the Bursa of Fabricius of Male Domestic Duckling Publ: Mikroskopie Vol/Iss: 39 Pages: 113-117 Date: 05/1982			
	41	Author: BLAGOSKLONNY et al. Title: Raf-1/bcl-2 Phosphorylation: A Step from Microtubule Damage to Cell Death Publ: Cancer Research Vol/Iss: 57 Pages: 130-135 Date: 01/01/97			
	42	Author: BLICKENSTAFF et al. Title: Estrogen-Catharanthus (Vinca) Alkaloid Conjugates Publ: Cytotoxic Estrogens in Hormone Receptive Tumors Vol/Iss: Pages: 89-105 Date: 1980			
	43	Author: BOYE et al. Title: 185. Deaminocolchinyll Methyl Ether. Synthesis from 2,3,4,4'-Tetramethoxybiphenyl Publ: Helvetica Chimica Acta -2-carbaldehyde. Comparison of Antitubulin Effects of Vol/Iss: 72 Pages: 1690-1696 Date: 1989			
	44	Author: BRODIE, A.M. Title: Aromatase Inhibitors in the Treatment of Breast Cancer (Abstract only) Publ: Journal of Steroid Biochemistry and Molecular Biology Vol/Iss: 49 (4-6) Pages: 281-287 Date: 06/1994			
	45	Author: BROSENS et al. Title: Comparative Study of the Estrogenic Effect of Ethinylestradiol and Mestranol on the Endometrium Publ: Laboratory for Gynecological Physiopathology Vol/Iss: 14 (6) Pages: 679-685 Date: 12/01/76			

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	46	Author: CASTAGNETTA, L. et al. Title: Simple Approach to Measure Metabolic Pathways of Steroids in Living Cells Publ: <u>Journal of Chromatography</u> Vol/Iss: 572 Pages: 25-39 Date: 12/06/91			
	47	Author: CHASSEROT-GOLAZ et al. Title: Biotransformation of 17.beta.-hydroxy-11.beta.-(4-dimethylaminophenyl) 17.alpha.1-propynyl-estra-4,9-diene-3-one (RU486) in Rat Hepatoma Variants (Identifier only) Publ: <u>Biochemical Pharmacology</u> Vol/Iss: 46 (11) Pages: 2100-2103 Date: 01/01/93			
	48	Author: CHEN et al. Title: A New Synthetic Route to 2- and 4-Methoxyestradiols by Nucleophilic Substitution Publ: <u>Steroids</u> Vol/Iss: 47 (1) Pages: 63-66 Date: 01/1986			
	49	Author: CHEN et al. Title: Synthesis of 11.beta.-(4-dimethylaminophenyl)-17.beta.-hydroxy-17.alpha.-(1-propyl) estra-4, 9-dien-3-one (RU486) (Identifier only) Publ: <u>Nanjing Yaoxueyuan Xuebao</u> Vol/Iss: 17 (4) Pages: 282-285 Date: 1986			
	50	Author: COHEN et al. Title: Novel Total Synthesis of (+)-Estrone 3-Methyl Ether, (+)-13B-Ethyl-3-methoxygona-1,3,5(10-triene-17-one, and (+)-Equilenin 3-Methyl Ether Publ: <u>The Journal of Organic Chemistry</u> Vol/Iss: 6 Pages: 681-685 Date: 03/21/75			
	51	Author: COLLINS et al. Title: The Structure and Function of Estrogens. XI* Synthesis of (+/-)-7(8-11 α) abeo-Estradiol and its 9,11-Didehydro Derivative Publ: <u>Aust. Journal of Chemistry</u> Vol/Iss: 45 Pages: 71-97 Date: 1992			
	52	Author: CRUM, R. et al. Title: A New Class of Steroids Inhibits Angiogenesis in the Presence of Heparin or a Heparin Fragment Publ: <u>SCIENCE</u> Vol/Iss: 230 Pages: 1375-1378 Date: 12/20/85			

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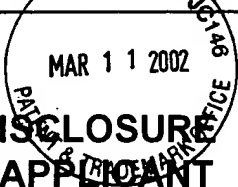
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	53	Author: CUMMINGS et al. Title: Apoptosis Publ: <u>The American Journal of Surgical Pathology</u> Vol/Iss: 21 (1) Pages: 88-101 Date: 1997			
	54	Author: CUSHMAN et al. Title: Synthesis, Antitubulin and Antimitotic Activity, and Cytotoxicity of Analogs of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite of Estradiol that Publ: <u>Journal of Medical Chemistry</u> Vol/Iss: 38 (12) Pages: 2041-2049 Date: 1995			
	55	Author: CUSHMAN et al. Title: Synthesis of Analogs of 2-Methoxyestradiol with Enhanced Inhibitory Effects of Tubulin Polymerization and Cancer Cell Growth Publ: <u>Journal of Medical Chemistry</u> Vol/Iss: 40 (15) Pages: 2323-2334 Date: 1997			
	56	Author: D'AMATO et al. Title: 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, Inhibits Tubulin Polymerization by Interacting at the Colchicine Site Publ: <u>Proceedings of the National Academy of Science USA</u> Vol/Iss: 91 Pages: 3964-3968 Date: 04/1994			
	57	Author: DVIR et al. Title: Thin-layer Chromatography of DANSYL-oestrogens Publ: <u>Journal of Chromatography</u> Vol/Iss: 52 Pages: 505-506 Date: 11/04/70			
	58	Author: EPE et al. Title: Microtubular Proteins as Cellular Targets for Carcinogenic Estrogens and Other Carcinogens Publ: <u>Mechanisms of Chromosome Distribution and Aneuploidy</u> Vol/Iss: Pages: 345-351 Date: 1989			
	59	Author: EVANS et al. Title: A Convergent Total Synthesis of (+)- Colchicine and (+)-Desacetamidoisocolchicine Publ: <u>Journal of the American Chemical Society</u> Vol/Iss: 103 Pages: 5813-5821 Date: 09/23/81			

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	60	Author: FISHMAN, J. Title: Synthesis of 2-Methoxyestrogens Publ: <u>Journal of the American Chemical Society</u> Vol/Iss: 80 Pages: 1213-1216 Date: 03/05/98					
	61	Author: FITZGERALD Title: Molecular Features of Colchicine Associated with Antimitotic Activity and Inhibition of Tubulin Polymerization Publ: <u>Biochemical Pharmacology</u> Vol/Iss: 25 Pages: 1383-1387 Date: 06/15/76					
	62	Author: FOTSIS et al. Title: The Endogenous Oestrogen Metabolite 2-Methoxyoestradiol Inhibits Angiogenesis and Suppresses Tumour Growth Publ: <u>Nature</u> Vol/Iss: 368 Pages: 237-239 Date: 03/17/94					
	63	Author: GETAHUN et al. Title: Synthesis of Alkoxy-Substituted Diaryl Compounds and Correlation of Ring Separation with Inhibition of Tubulin Polymerization: Differential Enhancement of Inhibitory Effects Under Suboptimal Polymerization Publ: <u>Journal of Medical Chemistry</u> Vol/Iss: 35 (6) Pages: 1058-1067 Date: 03/20/92					
	64	Author: GROSS et al. Title: Inhibition of Tumor Growth, Vascularization, and Collagenolysis in the Rabbit Cornea by Medroxyprogesterone Publ: <u>Proceedings of the National Academy of Science USA</u> Vol/Iss: 78 (2) Pages: 1176-1180 Date: 02/1981					
	65	Author: GUANGRONG et al. Title: Effect of Components of Crowth Ether Copper(I)Iodide Mixed Catalyst on Nucleophilic Substitution of Bromoestrogen (Abstract No. 195225) Publ: <u>Chemical Abstracts</u> Vol/Iss: 111 (21) Pages: 818, Column 1 Date: 11/20/89					
	66	Author: HALDAR et al. Title: Bc12 is the Guardian of Microtubule Integrity Publ: <u>Cancer Research</u> Vol/Iss: 57 Pages: 229-233 Date: 01/15/97					

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	67	Author: HAMEL et al. Title: Interactions of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, with Unpolymerized Tubulin and with Tubulin Polymers Publ: <u>Biochemistry</u> Vol/Iss: 35 (4) Pages: 1304-1310 Date: 1996			
	68	Author: HARTLEY-ASP et al. Title: Diethylstilbestrol Induces Metaphase Arrest and Inhibits Microtubule Assembly Publ: <u>Mutation Research</u> Vol/Iss: 143 (4) Pages: 231-235 Date: 08/1985			
	69	Author: HE et al. Title: A Versatile Synthesis of 2-Methoxyestradiol, an Endogenous Metabolite of Estradiol which Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site Publ: <u>Bioorganic & Medicinal Chemistry Letters</u> Vol/Iss: 4 (14) Pages: 1724-1728 Date: 1994			
	70	Author: HUBER et al. Title: Tubulin Binding of Conformationally Restricted Bis-Aryl Compounds Publ: <u>Bioorganic & Medicinal Chemistry Letters</u> Vol/Iss: 1 (5) Pages: 243-246 Date: 1991			
	71	Author: JOSEFSSON et al. Title: Suppression of Type II Collagen-Induced Arthritis by the Endogenous Estrogen Metabolite 2-Methoxyestradiol Publ: <u>Arthritis & Rheumatism</u> Vol/Iss: 40 (1) Pages: 154-163 Date: 01/1997			
	72	Author: KABARITY et al. Title: Further Investigations on the cytological effects of some contraceptives Publ: <u>Mutation Research</u> Vol/Iss: 135 Pages: 181-188 Date: 1984			
	73	Author: KELLY et al. Title: The Stimulation of Prostaglandin Production by Two Antiprogestosterone Steroids in Human Endometrial Cells (Abstract only) Publ: <u>Journal of Clinical Endocrinology Metabolism</u> Vol/Iss: 62 (6) Pages: 1116-1123 Date: 06/1986			

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				Filing Date	07/05/2001
				First Named Inventor	D'Amato et al.
				Group Art Unit	1616
				Examiner Name	Qazi, S.
Sheet	10	of	16	Attorney Docket Number	05213-0910 (43170-260981)
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	74	Author: KLAUBER at al. Title: Inhibition of Angiogenesis and Breast Cancer in Mice by the Microtubule Inhibitors 2-Methoxyestradiol and Taxol Publ: <u>Cancer Research</u> Vol/Iss: 57 Pages: 81-86 Date: 01/01/97			
	75	Author: LEBRAS, J. et al. Title: Activation and Regioselective Ortho-Functionalization of the A-Ring of B-Estradiol Promoted by "Cp*Ir": An Efficient Organometallic Procedure for the Synthesis of 2-Methoxyestradiol Publ: <u>Organometallics</u> Vol/Iss: 16 Pages: 1765-1771 Date: 1997			
	76	Author: LIN et al. Title: Interactions of Tubulin with Potent Natural and Synthetic Analogs of the Antimitotic Agent Combretastatin: A Structure-Activity Study Publ: <u>Molecular Pharmacology</u> Vol/Iss: 34 (2) Pages: 200-208 Date: 08/1988			
	77	Author: LINCOLN et al. Title: Conformation of Thiocolchicine and Two B-Ring-Modified Analogues Bound to Tubulin Studied with Optical Spectroscopy Publ: <u>Biochemistry</u> Vol/Iss: 30 (5) Pages: 1179-1187 Date: 02/05/91			
	78	Author: LOTTERING et al. Title: Effects of the 17 β -Estradiol Metabolites on Cell Cycle Events in MCF-7 Cells Publ: <u>Cancer Research</u> Vol/Iss: 52 Pages: 5926-5932 Date: 11/01/92			
	79	Author: LOTTERING et al. Title: 17 β -Estradiol Metabolites Affect Some Regulators of the MCF-7 Cell Cycle Publ: <u>Cancer Letters</u> Vol/Iss: 110 Pages: 181-186 Date: 1996			
	80	Author: MAYOL et al. Title: Ethynylestradiol-Induced Cell Proliferation in Rat Liver Involvement of Specific Populations of Hepatocytes (Abstract only) Publ: <u>Carcinogenesis</u> Vol/Iss: 12 (12) Pages: 2381-2388 Date: 1992			

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	81	Author: MEIKRANTZ et al. Title: Apoptosis and the Cell Cycle Publ: <u>Journal of Cellular Biochemistry</u> Vol/Iss: 58 Pages: 160-174 Date: 06/1995			
	82	Author: MILLER et al. Title: Synthesis and Structure-Activity Profiles of A-Homoestranses, the Estratropones Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 40 Pages: 3836-3841 Date: 1997			
	83	Author: MORGAN et al. Title: Calcium and Oestrogen Interactions upon the Rat Thymic Lymphocyte Plasma Membrane Publ: <u>Biochemical and Biophysical Research Communications</u> Vol/Iss: 72 (2) Pages: 663-672 Date: 09/20/76			
	84	Author: MUKHOPADHYAY et al. Title: Induction of Apoptosis in Human Lung Cancer Cells after Wild-Type p53 Activation by Methoxyestradiol Publ: <u>Oncogene</u> Vol/Iss: 14 Pages: 379-384 Date: 1997			
	85	Author: MUKUNDAN et al. Title: Liver Regeneration in Oral Contraceptive Treated Female Rats - Effects of Moderate Malnutrition Publ: <u>Hormone and Metabolic Research</u> Vol/Iss: 16 Pages: 641-645 Date: 12/1984			
	86	Author: NAKAGAWA-YAGI et al. Title: The Endogenous Estrogen Metabolite 2-Methoxyestradiol Induces Apoptotic Neuronal Cell Death <i>In Vitro</i> Publ: <u>Life Sciences</u> Vol/Iss: 58 (17) Pages: 1461-1467 Date: 1996			
	87	Author: NAKAMURA et al. Title: Studies on the Total Synthesis of <i>dl</i> -Colchicine. I. Synthesis of 3-Hydroxy-9, 10, 11-trimethoxy-1,2,3,4,6,7-hexahydro-5H-dibenzo[a,c] cycloheptatrien-5-one Publ: <u>Chemical and Pharmaceutical Bulletin</u> Vol/Iss: 10 Pages: 281-290 Date: 1962			

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	88	Author: NAMBARA et al. Title: Studies on Steroid Conjugates. III. New Synthesis of 2-Methoxyestrogens Publ: <u>Chem. Pharm. Bulletin</u> Vol/Iss: 18 (3) Pages: 474-480 Date: 03/1970				
	89	Author: NAPOLITANO et al. Title: 11 Beta-Substituted Estradiol Derivatives. 2. Potential Carbon-11 and Iodine-Labeled Probes for the Estrogen Receptor (Abstract only) Publ: <u>Journal of Medical Chemistry</u> Vol/Iss: 38 (14) Pages: 2774-2779 Date: 07/07/95				
	90	Author: NISHIGAKI et al. Title: Anti-Proliferative Effect of 2-Methoxyestradiol on Cultured Smooth Muscle Cells from Rabbit Aorta Publ: <u>Atherosclerosis</u> Vol/Iss: 113 Pages: 167-170 Date: 1995				
	91	Author: OCHS et al. Title: Effect of Tumor Promoting Contraceptive Steroids on Growth and Drug Metabolizing Enzymes in Rat Liver (Abstract only) Publ: <u>Cancer Research</u> Vol/Iss: 46 (3) Pages: 1224-1232 Date: 1986				
	92	Author: OPPOLZER et al. Title: 177. The Enantioselective Synthesis of (+)-Estradiol from 1,3-Dihydrobenzo[c] thiophene-2,2-dioxide by Successive Thermal SO ₂ -Extrusion and Cycloaddition Reactions Publ: <u>Helvetica Chimica Acta</u> Vol/Iss: 63 Pages: 1703-1707 Date: 1980				
	93	Author: PARTHASARATHY et al. Title: Antioxidant: A New Role for RU-486 and Related Compounds (Abstract only) Publ: <u>Journal of Clinical Investigation</u> Vol/Iss: 94 (5) Pages: 1990-1995 Date: 11/1994				
	94	Author: PAULL et al. Title: Identification of Novel Antimitotic Agents Acting at the Tubulin Level by Computer-assisted Evaluation of Differential Cytotoxicity Data Publ: <u>Cancer Research</u> Vol/Iss: 52 Pages: 3892-3900 Date: 07/15/92				

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	95	Author: POLI et al. Title: Tumor Necrosis Factor α Functions in an Autocrine Manner in the Induction of Human Immunodeficiency Virus Expression Publ: Proceedings of the National Academy of Science USA Vol/Iss: 87 Pages: 782-785 Date: 01/1990			
	96	Author: RAVINDRA, R. Title: Effect of Estradiol on the <i>in vitro</i> Assembly of Rat Brain Tubulin Publ: Journal of Indian Institute of Science Vol/Iss: 64 (3) Pages: 27-35 Date: 03/1983			
	97	Author: SAKAKIBARA et al. Title: Effects of Diethylstilbestrol and its Methyl Ethers on Aneuploidy Induction and Microtubule Distribution in Chinese Hamster V79 cells Publ: Mutation Research Vol/Iss: 263 Pages: 269-276 Date: 08/1991			
	98	Author: SATO et al. Title: Effect of Estradiol and Ethynylestradiol on Microtubule Distribution in Chinese Hamster V79 Cells Publ: Chemical and Pharmaceutical Bulletin Vol/Iss: 40 (1) Pages: 182-184 Date: 01/1992			
	99	Author: SATO et al. Title: Disruptive Effect of Diethylstilbestrol on Microtubules Publ: Gann Vol/Iss: 75 Pages: 1046-1048 Date: 12/1984			
	100	Author: SAWADA et al. Title: Colchicine-Like Effect of Diethylstilbestrol (DES) on Mammalian Cells in Vitro Publ: Mutation Research Vol/Iss: 57 Pages: 175-182 Date: 05/1978			
	101	Author: SEEGERs et al. Title: Cyclic-AMP and Cyclic-GMP Production in MCF-7 Cells Exposed to Estradiol-17 Beta, Catecholestrogens and Methoxy-Estrogens in MCF-7 Cells (Meeting Abstract only) Publ: Joint MCI-1st Symposium. Third 1st International Symposium. Biology and Therapy of Breast Cancer Vol/Iss: Pages: Date: 09/25/89			

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	102	Author: SEEGER, J.C. et al. Title: The Cytotoxic Effects of Estradiol-17B, Catecholestradiols and Methoxyestradiols on Dividing MCF-7 and HeLa Cells Publ: <u>Journal of Steroid Biochemistry</u> Vol/Iss: 32 (6) Pages: 797-809 Date: 1989			
	103	Author: SHARP et al. Title: Diethylstilbestrol: the Binding and Effects of Diethylstilboestrol upon the Polymerisation and Depolymerisation of Purified Microtubule Protein in vitro Publ: <u>Carcinogens</u> Vol/Iss: 6 (6) Pages: 865-871 Date: 06/1985			
	104	Author: SPICER et al. Title: Catecholestrogens Inhibit Proliferation and DNA Synthesis of Porcine Granulosa Cells in Vitro: Comparison with Estradiol, 5 α -dihydrotestosterone, Gonadotropins and Catecholamines Publ: <u>Molecular and Cellular Endocrinology</u> Vol/Iss: 64 Pages: 119-126 Date: 1989			
	105	Author: STERNLICHT et al. Title: Colchicine Inhibition of Microtubule Assembly via Copolymer Formation Publ: <u>The Journal of Biological Chemistry</u> Vol/Iss: 254 (20) Pages: 10540-10550 Date: 10/25/79			
	106	Author: SUN et al. Title: Antitumor Agents. 139. Synthesis and Biological Evaluation of Thiocolchicine Analogs 5,6-Dihydro-6(S)-(acyloxy)-and 5,6-Dihydro-6(S)-[(acyloxy)methyl]-1,2,3- Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 36 Pages: 544-551 Date: 03/05/93			
	107	Author: SUNAGAWA et al. Title: Synthesis of Colchicine; Synthesis of <i>dl</i> -Demethoxydeoxy-hexahydrocolchicine Publ: <u>Chem. Pharm. Bulletin</u> Vol/Iss: 9 Pages: 81-83 Date: 1961			
	108	Author: TERANISHI, M. et al. Title: Methylation of Catechol Estrogen with Diazomethane Publ: <u>Chemical and Pharmaceutical Bulletin</u> Vol/Iss: 31 (9) Pages: 3309-3314 Date: 09/1983			

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	109	Author: TISHLER et al. Title: Microtubule-Active Drugs Taxol, Vinblastine, and Nocodazole Increase the Levels of Transcriptionally Active p53 Publ: Cancer Research Vol/Iss: 55 Pages: 6021-6025 Date: 12/15/95			
	110	Author: TSUTSUI et al. Title: Comparison of Human Versus Syrian Hamster Cells in Culture for Induction of Mitotic Inhibition, Binucleation and Multinucleation, Following Treatment with Four Aneuploidogens Publ: Toxicology in Vitro Vol/Iss: 4 (1) Pages: 75-84 Date: 1990			
	111	Author: UTNE et al. Title: The Synthesis of 2- and 4-Fluoroestradiol Publ: Journal of Organic Chemistry Vol/Iss: 33 (6) Pages: 2469-2473 Date: 06/1968			
	112	Author: VAN GEERESTEIN et al. Title: Structure of 11.beta.-(4-(dimethylamino)phenyl)-17.beta.-hydroxy-17.alpha.-(2-propenyl) estra-4,9-dien-3-one (Identifier only) Publ: Acta Crystall Ogr., Sect. C: Cryst. Struct. Commun. Vol/Iss: C43 (2) Pages: 319-322 Date: 1987			
	113	Author: VAN TAMELEN et al. Title: The Synthesis of Colchicine Publ: Tetrahedron Vol/Iss: 14 Pages: 8-34 Date: 09/1961			
	114	Author: WANG, Z. et al. Title: An Optimized Synthesis of 2-Methoxyestradiol, a Naturally Occurring Human Metabolite with Anticancer Activity Publ: Synth. Commun. Vol/Iss: 28 (23) Pages: 4431-4437 Date: 1998			
	115	Author: WHEELER et al. Title: Mitotic Inhibition and Aneuploidy Induction by Naturally Occurring and Synthetic Estrogens in Chinese Hamster Cells in Vitro Publ: Mutation Research Vol/Iss: 171 Pages: 31-41 Date: 1986			

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	116	Author: WHEELER et al. Title: Mitotic Inhibition and Chromosome Displacement Induced by Estradiol in Chinese Hamsters Cells Publ: <u>Cell Motility and the Cytoskeleton</u> Vol/Iss: 7 (3) Pages: 235-247 Date: 1987			
	117	Author: YUE et al. Title: 2-Methoxyestradiol, an Endogenous Estrogen Metabolite, Induces Apoptosis in Endothelial Cells and Inhibits Angiogenesis: Possible Role for Stress-Activated Protein Kinase Signaling Pathway and Fas Expression Publ: <u>Molecular Pharmacology</u> Vol/Iss: 51 Pages: 951-952 Date: 1997			

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